

PTO/SB/08A (08-03)

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

Application Number	10/817,621
Filing Date	April 3, 2004
First Named Inventor	Larry V. Weathers et al.
Art Unit	3652
Examiner Name	Esther O. Okezie
Attorney Docket Number	1130

## **U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
EW		US- 6,293,505	08/25/2001	Fan	
		US- 6,226,970	05/08/2001	Busboom et al.	
		US- 6,151,875	11/28/2000	Collins	
		US- 5,884,919	02/02/1999	Pineda	
		US- 5,546,738	08/20/96	Turner	
		US- 5,308,027	05/03/94	Fullilove	
		US- 4,981,274	01/01/1994	McVay et al.	
		US- 4,781,779	12/20/1988	Hoffman	
		US- 4,597,203	07/01/1986	Middleton	
		US- D401,077	11/10/1998	Mueller	
		US- 6,536,488	03/20/03	Pocobradsky	
		US- 3,848,841	11/19/1974	Rafeldt	
		US- 4,461,441	07/24/1984	Briggs	
		US- 4,946,118	08/07/1990	Hastings	
		US- 5,167,390	12/01/1992	Baghdadi	
		US- 5,207,107	05/1993	Wolf et al.	
		US-			
		US-			
		US-			

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> Number <sup>5</sup> Kind Code <sup>6</sup> (if known)				

Examiner Signature

*Esther O. Okezie*

Date Completed

4-30-06

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

**Complete if Known**

Application Number	<b>Attached</b> 10/817,621
Filing Date	<b>April 3, 2004</b>
First Named Inventor	<b>Larry V. Weathers et al.</b>
Art Unit	
Examiner Name	
Attorney Docket Number	<b>1130</b>

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number  Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
E. O.		US. 6,109,362	08/29/2000	Simpson, Sr.	
		US. 4,597,204	07/01/1986	Heiden	
		US. 4,550,943	11/05/1985	Mirto	
		US. 3,952,812	04/27/1976	Lucan	
		US. 3,782,770	01/01/1974	Lee	
		US. 3,773,375	11/20/1973	Nehls	
		US. 3,465,457	05/09/1966	Stone	
		US. 2,443,602	06/22/1948	Clark	
		US. 2,347,963	05/02/1944	O'Neill	
		US. 1,202,791	10/31/1916	Brownstein	
		US. 587,088	07/27/1897	Chamblin	
		US. RE6,419	05/04/1875	Johnson	
		US. D447,392	09/04/2001	Johansson et al.	
		US. D425,763	05/30/2000	Begley et al.	
		US. D391,815	03/10/1998	Venezio	
	US. D360,342	07/18/1995	Shea		
	US. D291,273	08/11/1987	Vosbikian		
	US. D265,007	06/15/1982	Cuta		

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>E. J. Quinn</i>	Date Considered	7-25-25
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